

# The New NIH Data Management and Sharing Policy

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# For Today

- Brief review of the Policy
- Share our NIH Data Management and Sharing Plan Guidance document  
(<https://guides.hsl.virginia.edu/nih-dmsp>)
- Review points of contact with the plan
- Q and A

# The Policy

# 2023 NIH Data Management and Sharing Policy

The NIH has issued a Data Management and Sharing (DMS) policy, effective January 25, 2023, to promote the sharing of scientific data. There are multiple benefits to sharing scientific data, and ultimately this will facilitate the development of treatments and products that improve human health.

Under the DMS policy, NIH extramural investigators will:

- Prospectively plan for the managing and sharing of scientific data
- Submit a DMS plan for new applications or competitive renewals
- Comply with the approved plan

# Highlights

Applies to **all NIH-supported research generating scientific data**

- Previously only grants > \$500K/year had to submit a data sharing plan
- Data **management** and sharing
- Not all awards generate scientific data (e.g. training grants)
  - complete list of [NIH activity codes subject to the DMS Policy](#)

[sharing.nih.gov](https://sharing.nih.gov)

# Highlights

## What?

- Not all data- just what is necessary to “validate and replicate research findings”
- Regardless of whether the data are used to support scholarly publications
- Can include unpublished and/or negative/null results
- Does not include lab notebooks, preliminary analyses, case report forms, drafts of scientific papers, plans for future research, peer reviews, communications with colleagues, or physical objects

# Highlights

## How?

- The goal is public sharing (when appropriate) of final data
- Not just with research collaborators or by request
- Sharing can include controlled access

# Highlights

## Where?

- Policy encourages use of established **repositories**
- NIH ICs may designate specific data repository(ies)
- Seek a discipline-based repository; if none available, a generalist or institutional repository is appropriate

## When?

- No later than time of publication or end of award, whichever is first



# Plan Elements

Overview

Plan Components>

Metadata & Documentation

Standards

Human Subjects

Repositories

Budgeting

Oversight

Templates, Tools, Sample Plans

Post-Award

 Ask Us

## NIH Data Management and Sharing Plan Guidance

### Plan Components

#### Developing Your Plan

Below are the six required elements to be addressed in the two-page-or-less Data Management and Sharing Plan. This page summarizes information from the [Elements](#) page and the [Format page](#) (coming soon: fillable form) on the [NIH data sharing website](#).

Consult the table below for required elements (left) and local guidance (right), including links to UVA resources and experts:

ELEMENT 1: DATA TYPE	
NIH Description	UVA Guidance
<i>Briefly describe the scientific data to be managed and shared</i>	Consider phrasing as below, replacing the bracketed information with your specifics.

# Writing the Plan

- Fillable PDF coming from NIH
- Word doc
- DMPTool
- DMS Plans should be included within the Other Plan(s) field on the PHS 398 Research Plan or PHS 398 Career Development Award Supplemental Form as indicated in the [Application Instructions](#).

What else should you know?

# Who will review DMS Plans?

- **Program staff** will assess DMS Plans to ensure the elements of a DMS Plan have been adequately addressed and to assess the reasonableness of those responses. Applications selected for funding will only be funded if the DMS Plan is complete and acceptable.
- **Peer reviewers will not** be asked to comment on the DMS Plan nor will they factor the DMS Plan into the Overall Impact score, unless sharing data is integral to the project design and specified in the Funding Opportunity Announcement

# What to budget for data management?

All **allowable costs** submitted in budget requests **must be incurred during the performance period**. For example, if a DMS plan proposes preserving and sharing scientific data for 10 years in a repository with a deposition fee, the cost for the entire 10-year period must be paid before the end of the period of performance.

Consider costs for:

- Data Manager: caring for and storing data during the project
- Developing supporting documentation
- Formatting data to accepted community standards, or for transmission to and storage
- De-identifying data
- Deposit and/or storage (e.g. putting data into a repository)

# Can DMS Plans be revised?

- **Pre-Award Plan Revisions:** If the DMS Plan provided in the application cannot be approved based on the information provided, applicants will be notified that additional information is needed through the **Just-in-Time (JIT) process**.
- **Post-Award Plan Revisions:** Plans may need to be updated or revised over the course of a project, e.g. if data types change, a more appropriate data repository becomes available, or if the sharing timeline shifts. Update the Plan to reflect these changes, discussing them if needed with the Program Officer. Changes will be and reviewed by the NIH ICO during regular reporting intervals (e.g. RPPRs) or sooner.

# How will compliance be monitored?

- NIH staff will monitor compliance with approved DMS Plans during the annual **RPPR process**. The RPPR will be updated to include questions about compliance with DMS Plan.
- Researchers are expected to **communicate with their Program Officers** to reconcile any issues and get back into compliance, if needed.
- UVA Research administration/compliance staff will conduct compliance reviews following procedures established by the Office of the **Vice President for Research** prior to submission of an RPPR.



What now?

# Advise investigators writing a proposal

- Refer to **sharing.nih.gov** (especially the section on [Writing a Data Management & Sharing Plan](#))
- Recommend the UVA NIH DMSP page **guides.hsl.virginia.edu/nih-dmsp**
  - Plan components and sample language
- Forward announcement of upcoming **webinar** (coming soon!)
- Suggest
  - Start early! Don't wait until the last minute to start writing their DMS Plan
  - Reach out for a consultation to Health Sciences Library Research and Data Services at **hsl-rdas@virginia.edu**

Questions?

# Thank You!

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<https://guides.hsl.virginia.edu/nih-dmsp/>

